

ID :3342 Old Pathri Roh Bridge \_ \_ \_ \_ \_

on Chainage 33.350 of Purkazi Laksar Haridwar national highway

In District Haridwar Under NH Dehradun Division

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## Bridge Inventory Report

Division: NH Dehradun

Data not-yet finalized

### General

Name of Division : 60

Revenue Block Name : 94

Chainage (at Mid Point) : 33.350

Road/ Segment Name : 15

Bridge Type : Motor Bridge High Level

Structure No : 34/2

Feature Intersected : Pathri Roh River

Name of Bridge : Old Pathri Roh Bridge

Nearest Town : Laksar

Latitude (Northing) : 29.75972222

Longitude (Easting) : 78.06993333

Construction Year : 1965

Inventory Year : 2023

### Geometric

Overall length (in meter) : 90.10

Total No of Span : 5

Maximum Span (in meter) : 22.90

Span Arrangement : 1x10.70+3x22.90+1x10.70

No of Lane : 2.000

Overall Width (m) : 7.500

Carriageway Width (m) : 6.900

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 10.000

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

### Design Data

HFL Highest Flood Level : 105.000

OFL Ordinary Flood Level : 102.000

LWL Low Water Level : 100.000

Design Velocity (m/Sec) :

Design Discharge (Cumecs) :

Soffit Level at Centre :

Road Level at Centre :

Design Scour Level at Pier :

Design Scour Level at Abutments :

Exposure Condition : Severe

Seismic Importance factor : 1.0

Design Loading : Class B

Load Rating : Class B

Super-Structure

Superstructure Type : Arch

Superstructure Material : Reinforced concrete

Wearing Coat Type : Bituminous Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Cast-in-situ concrete

Bearing type : Roller & Rocker

Sub-Structure

Founding Strata : Sandy

Abutment Foundation Type : Well

Pier Foundation Type : Well

No of Piers : 4

Abutment Type : other

Pier Type : RCC Solid

Protection Work

Bank Protection Left Side of Up-stream : no protection work provided

Bank Protection Right Side of Up-stream : no protection work provided

Bank Protection Left Side of Down-stream : no protection work provided

Bank Protection Right Side of Down-stream : no protection work provided

Floor Protection on Up-stream : no protection work provided

Floor Protection on Down-stream : no protection work provided

Treatment for Corrosion Protection (if any) : no special treatment provided

final

Name of JE/AAE : Mahabir Lal

